

ProCurve Switch 4100gl Series

The ProCurve Switch 4100gl series is convergence-ready and easy to use, and is available in compact 8-slot and 4-slot modular form factors. Based on ProCurve Fast Path Technology, these switches provide reliable, high-performance, high-density 10 Mbit, 100 Mbit, or Gigabit connectivity for a growing network. The ProCurve 4100gl series is the low-cost, modular alternative to stackable switches and includes a lifetime warranty.



ProCurve Switch 4108gl
(J4865A)



ProCurve Switch 4160gl
(J8152A)



ProCurve Switch 4108gl Bundle
(J4861A)



ProCurve Switch 4104gl
(J4887A)



ProCurve Switch 4140gl
(J8151A)



ProCurve Switch 4148gl
(J4888A)



ProCurve Switch 4100gl Series

Features and benefits

Performance

- **Fast Path technology:** wire-speed switching of intra-module traffic for up to 31.9 million pps throughput; fully loaded 8-slot chassis capable of switching 255 million pps
- **Fast switch fabric:** inter-module traffic switching of up to 2.97 million pps

Resiliency and high availability

- **IEEE 802.3ad Link Aggregation Control Protocol (LACP) and ProCurve trunking:** support up to 6 trunks, each with up to 4 links (ports) per trunk; trunking across modules is supported
- **IEEE 802.1w Rapid Convergence Spanning Tree Protocol:** increases network uptime through faster recovery from failed links
- **Optional redundant power supply:** provides uninterrupted power; allows hot-swapping of one of the two power supplies when installed
- **Hot-swappable modules:** permit modules, mini-GBICs, and one of the power supplies in a redundant power supply configuration to be added or swapped without interrupting the network

Layer 3 routing

- **Basic IP routing:** enables automatic routing to the connected VLANs and up to 16 static routes—including one default route—in IP networks

Layer 2 switching

- **VLAN support and tagging:** support complete IEEE 802.1Q (4,096 VLAN IDs) and 30 VLANs simultaneously
- **GARP VLAN Registration Protocol:** allows automatic learning and dynamic assignment of VLANs

Security

- **Port security:** allows access only to specified MAC addresses, which can be learned or specified by the administrator
- **IEEE 802.1X and RADIUS network login and OpenVLAN:** control port-based access for authentication and accountability
- **TACACS+:** eases switch management security administration by using a password authentication server
- **Secure Shell (SSHv2):** encrypts all transmitted data for secure, remote command-line interface (CLI) access over IP networks
- **Secure Sockets Layer (SSL):** encrypts all HTTP traffic, allowing secure access to the browser-based management GUI in the switch
- **Secure management access:** all access methods—CLI, GUI, or MIB—are securely encrypted through SSHv2, SSL, and/or SNMPv3

Quality of Service (QoS)

- **Traffic prioritization (IEEE 802.1p):** allows real-time traffic classification into 8 priority levels mapped to 4 queues

Manageability

- **RMON:** provides advanced monitoring and reporting capabilities for statistics, history, alarms, and events
- **Friendly port names:** allow assignment of descriptive names to ports
- **ProCurve/IEEE Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100/1000 ports
- **Dual flash images:** provide independent primary and secondary OS files for backup while upgrading
- **Link Layer Discovery Protocol (IEEE 802.1ab):** automated device discovery protocol for easy mapping by network management applications

ProCurve Switch 4100gl Series

Convergence

- **Stacking capability:** single IP address management for a virtual stack of up to 16 switches, including the ProCurve 2500 series, 2510 series, 2600 series, 2800 series, 2810 series, 2900 series, 3400cl series, 3500yl series, 6108, 6200yl, 6400cl series, 4200vl series, and 4100gl series
- **Lifetime warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries)

Services

ProCurve Switch 4104gl, ProCurve Switch 4140gl, and ProCurve Switch 4148gl

- 3-year, 4-hour onsite, 13x5 coverage for hardware (U2855E)
- 3-year, 4-hour onsite, 24x7 coverage for hardware (U2856E)
- 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (U6304E)
- Installation with minimum configuration, system-based pricing (U4827E)
- Installation with HP-provided configuration, system-based pricing (U4831E)

ProCurve Switch 4108gl, ProCurve Switch 4108gl Bundle, and ProCurve Switch 4160gl

- 3-year, 4-hour onsite, 13x5 coverage for hardware (H7675E)
- 3-year, 4-hour onsite, 24x7 coverage for hardware (H7676E)
- 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (U6320E)
- Installation with minimum configuration, system-based pricing (U4827E)
- Installation with HP-provided configuration, system-based pricing (U4831E)

Check www.hp.com/go/procurveservices for part numbers and service-level descriptions. For details about services and response times in your area, please contact your local HP sales office.

ProCurve Switch 4100g1 Series

Specifications



	ProCurve Switch 4108g1 (J4865A)	ProCurve Switch 4160g1 (J8152A)	ProCurve Switch 4108g1 Bundle (J4861A)
What's included	N/A	3 ProCurve Switch g1 20-Port 10/100/1000 Module (J4908A)	3 ProCurve Switch g1 24-port 10/100-TX Module (J4862B) 1 ProCurve Switch g1 Transceiver Module (J4864A)
Ports	8 open module slots 1 RS-232C DB-9 console port	5 open module slots 60 10/100/1000 ports and 6 mini-GBIC slots 1 RS-232C DB-9 console port	4 open module slots 72 10/100 ports and 3 transceiver ports 1 RS-232C DB-9 console port
Maximum ports	Supports a maximum of 192 10/100 ports or 160 Gigabit ports plus 16 mini-GBICs, or 48 mini-GBICs, or a combination	Supports a maximum of 120 10/100 ports or 160 Gigabit ports plus 16 mini-GBICs, or 36 mini-GBICs, or a combination	Supports a maximum of 168 10/100 ports or 80 Gigabit ports plus 8 mini-GBICs, or 24 mini-GBICs, or a combination
Physical characteristics			
Dimensions (D x W x H)	38.86 x 44.2 x 22.23 cm (15.3 x 17.4 x 8.75 in.) (5U height)	38.86 x 44.2 x 22.23 cm (15.3 x 17.4 x 8.75 in.) (5U height)	38.86 x 44.2 x 22.23 cm (15.3 x 17.4 x 8.75 in.) (5U height)
Weight (fully loaded)	9.4 kg (20.7 lb.)	13.9 kg (30.6 lb.)	10.4 kg (22.9 lb.)
Memory and processor			
Fabric processor type and speed	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM
Module processor type and speed	IDT MIPS32 @ 125 MHz	IDT MIPS32 @ 125 MHz	IDT MIPS32 @ 125 MHz
Flash	512 KB	512 KB	512 KB
SRAM	512 KB	512 KB	512 KB
Packet buffer size	1 MB	1 MB	1 MB
SDRAM	N/A	N/A	N/A
Mounting	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included); horizontal surface mounting only		
Performance			
Latency	<10.2 µs (FIFO 64-byte packets)	<10.2 µs (FIFO 64-byte packets)	<10.2 µs (FIFO 64-byte packets)
Throughput	Up to 71.4 million pps	Up to 71.4 million pps	Up to 71.4 million pps
Switch fabric speed	36.6 Gbps	36.6 Gbps	36.6 Gbps
Routing table size	8,000 entries	8,000 entries	8,000 entries
Environment			
Operating temperature	0°C to 55°C (32°F to 131°F)	0°C to 55°C (32°F to 131°F)	0°C to 55°C (32°F to 131°F)
Operating relative humidity	15% to 95% @ 40°C (104°F), non-condensing	15% to 95% @ 40°C (104°F), non-condensing	15% to 95% @ 40°C (104°F), non-condensing
Non-operating/Storage temperature	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Non-operating/Storage relative humidity	15% to 95% @ 65°C (149°F), non-condensing	15% to 95% @ 65°C (149°F), non-condensing	15% to 95% @ 65°C (149°F), non-condensing
Altitude	Up to 4.6 km (15,091 ft.)	Up to 4.6 km (15,091 ft.)	Up to 4.6 km (15,091 ft.)
Electrical characteristics			
Maximum BTUs	2,152 BTU/hr	2,152 BTU/hr	2,152 BTU/hr
Voltage	100-127 VAC/200-240 VAC	100-127 VAC/200-240 VAC	100-127 VAC/200-240 VAC
Current	8.2 A/3.8 A	8.2 A/3.8 A	8.2 A/3.8 A
Power consumption	630 W	630 W	630 W
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Safety	cUL (CSA 950); EN 60950/IEC 60950; NOM-019-SCFI-1994; UL 1950 3rd edition		
Emissions	FCC Class A; EN55022/CISPR-22 Class A; VCCI Class A		
Immunity			
EN	EN55024, CISPR-24	EN55024, CISPR-24	EN55024, CISPR-24
ESD	IEC 61000-4-2; 4kV CD, 8 kV AD	IEC 61000-4-2; 4kV CD, 8 kV AD	IEC 61000-4-2; 4kV CD, 8 kV AD
Radiated	IEC 61000-4-3; 3V/m	IEC 61000-4-3; 3V/m	IEC 61000-4-3; 3V/m
EFT/Burst	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)
Surge	IEC 61000-4-5; 1 kV/2 kV AC	IEC 61000-4-5; 1 kV/2 kV AC	IEC 61000-4-5; 1 kV/2 kV AC
Conducted	IEC 61000-4-6; 3V	IEC 61000-4-6; 3V	IEC 61000-4-6; 3V
Power frequency magnetic field	IEC 61000-4-8; 1A/m, 50 or 60 Hz	IEC 61000-4-8; 1A/m, 50 or 60 Hz	IEC 61000-4-8; 1A/m, 50 or 60 Hz
Voltage dips and interruptions	IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods	IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods	IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods
Harmonics	EN 61000-3-2, IEC 61000-3-2	EN 61000-3-2, IEC 61000-3-2	EN 61000-3-2, IEC 61000-3-2
Flicker	EN 61000-3-3, IEC 61000-3-3	EN 61000-3-3, IEC 61000-3-3	EN 61000-3-3, IEC 61000-3-3
Management	ProCurve Manager (included); ProCurve Manager Plus; command-line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)		
Standards and protocols	RFC 783 TFTP; RFC 951 BootP; RFC 1542 BootP; RFC 854 Telnet; RFC 768 UDP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 2030 Simple Network Time Protocol; IEEE 802.3x Flow Control; DHCP Relay; RFC 2236 IGMP v1/v2/v3; IEEE 802.1D Spanning Tree; IEEE 802.1w Rapid Convergence Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol; RFC 1492 TACACS+; RFC 2138 RADIUS; RFC 2866 RADIUS accounting; SSHv1/SSHv2 Secure Shell; Secure Sockets Layer (SSL); IEEE 802.1X Network Login; IEEE 802.1Q VLAN tagging; IEEE 802.1Q GVRP; IEEE 802.1p Priority; SNMPv1/v2c/v3; HTML and telnet management; RFC 1493 Bridge MIB; RFC 1213 MIB II; RFC 2096 IP Forwarding Table MIB; RFC 2737 Entity MIB; RFC 2863 Evolution of Interface; RFC 2665 Ethernet MIB; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm), and 9 (events); RFC 2021 RMON probe configuration (RMON v2); RFC 2668 IEEE 802.3 MAU MIB; RFC 2613 SMON; RFC 2674 IEEE 802.1p and IEEE 802.1Q Bridge MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB		

ProCurve Switch 4100gl Series



ProCurve Switch 4104gl (J4887A)



ProCurve Switch 4140gl (J8151A)



ProCurve Switch 4148gl (J4888A)

What's included	N/A	2 ProCurve Switch gl 20-Port 10/100/1000 Module (J4908A)	2 ProCurve Switch gl 24-Port 10/100-TX Module (J4862B)
Ports	4 open module slots 1 RS-232C DB-9 console port	2 open module slots 40 10/100/1000 ports and 4 mini-GBIC slots 1 RS-232C DB-9 console port	2 open module slots 48 10/100 ports (2 x J4862B) 1 RS-232C DB-9 console port
Maximum ports	Supports a maximum of 96 10/100 ports or 80 Gigabit ports plus 8 mini-GBICs, or 24 mini-GBICs, or a combination	Supports a maximum of 48 10/100 ports or 80 Gigabit ports plus 8 mini-GBICs, or 16 mini-GBICs, or a combination	Supports a maximum of 96 10/100 ports or 40 Gigabit ports plus 4 mini-GBICs, or 12 mini-GBICs, or a combination
Physical characteristics			
Dimensions (D x W x H)	38.86 x 44.2 x 13.34 cm (15.3 x 17.4 x 5.25 in.) (3U height)	38.86 x 44.2 x 13.34 cm (15.3 x 17.4 x 5.25 in.) (3U height)	38.86 x 44.2 x 13.34 cm (15.3 x 17.4 x 5.25 in.) (3U height)
Weight (fully loaded)	6.7 kg (14.75 lb.)	10.4 kg (22.9 lb.)	7.18 kg (15.84 lb.)
Memory and processor			
Fabric processor type and speed	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM	Motorola PowerPC @ 200 MHz, 8 MB flash, 32 MB SDRAM
Module processor type and speed	IDT MIPS32 @ 125 MHz	IDT MIPS32 @ 125 MHz	IDT MIPS32 @ 125 MHz
Flash	512 KB	512 KB	512 KB
SRAM	N/A	N/A	N/A
Packet buffer size	512 KB	512 KB	512 KB
SDRAM	8 MB	8 MB	8 MB
Mounting	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included) horizontal surface mounting only		
Performance			
Latency	<10.2 µs (FIFO 64-byte packets)	<10.2 µs (FIFO 64-byte packets)	<10.2 µs (FIFO 64-byte packets)
Throughput	Up to 35.7 million pps	Up to 35.7 million pps	Up to 35.7 million pps
Switch fabric speed	18.3 Gbps	18.3 Gbps	18.3 Gbps
Routing table size	8,000 entries	8,000 entries	8,000 entries
Environment			
Operating temperature	0°C to 55°C (32°F to 131°F)	0°C to 55°C (32°F to 131°F)	0°C to 55°C (32°F to 131°F)
Operating relative humidity	15% to 95% @ 40°C (104°F), non-condensing	15% to 95% @ 40°C (104°F), non-condensing	15% to 95% @ 40°C (104°F), non-condensing
Non-operating/Storage temperature	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Non-operating/Storage relative humidity	15% to 95% @ 65°C (149°F), non-condensing	15% to 95% @ 65°C (149°F), non-condensing	15% to 95% @ 65°C (149°F), non-condensing
Altitude	Up to 4.6 km (15,091 ft.)	Up to 4.6 km (15,091 ft.)	Up to 4.6 km (15,091 ft.)
Electrical characteristics			
Maximum BTUs	2,152 BTU/hr	2,152 BTU/hr	2,152 BTU/hr
Voltage	100–127 VAC/200–240 VAC	100–127 VAC/200–240 VAC	100–127 VAC/200–240 VAC
Current	8.2 A/3.8 A	8.2 A/3.8 A	8.2 A/3.8 A
Power consumption	630 W	630 W	630 W
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Safety	cUL (CSA 950); EN 60950/IEC 60950;NOM-019-SCFI-1994; UL 1950 3rd edition		
Emissions	FCC Class A; EN55022/CISPR-22 Class A; VCCI Class A		
Immunity			
EN	EN55024, CISPR-24	EN55024, CISPR-24	EN55024, CISPR-24
ESD	IEC 61000-4-2; 4kV CD, 8 kV AD	IEC 61000-4-2; 4kV CD, 8 kV AD	IEC 61000-4-2; 4kV CD, 8 kV AD
Radiated	IEC 61000-4-3; 3V/m	IEC 61000-4-3; 3V/m	IEC 61000-4-3; 3V/m
EFT/Burst	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)	IEC 61000-4-4; 1.0 kV (power line), 0.5 kV (signal line)
Surge	IEC 61000-4-5; 1 kV/2 kV AC	IEC 61000-4-5; 1 kV/2 kV AC	IEC 61000-4-5; 1 kV/2 kV AC
Conducted	IEC 61000-4-6; 3V	IEC 61000-4-6; 3V	IEC 61000-4-6; 3V
Power frequency magnetic field	IEC 61000-4-8; 1A/m, 50 or 60 Hz	IEC 61000-4-8; 1A/m, 50 or 60 Hz	IEC 61000-4-8; 1A/m, 50 or 60 Hz
Voltage dips and interruptions	IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods	IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods	IEC 61000-4-11; >95% reduction, 0.5 period; 30% reduction, 25 periods
Harmonics	EN 61000-3-2, IEC 61000-3-2	EN 61000-3-2, IEC 61000-3-2	EN 61000-3-2, IEC 61000-3-2
Flicker	EN 61000-3-3, IEC 61000-3-3	EN 61000-3-3, IEC 61000-3-3	EN 61000-3-3, IEC 61000-3-3
Management	ProCurve Manager (included); ProCurve Manager Plus; command-line interface; Web browser; configuration menu; out-of-band management (serial RS-232C)		
Standards and protocols	RFC 783 TFTP; RFC 951 BootP; RFC 1542 BootP; RFC 854 Telnet; RFC 768 UDP; RFC 792 ICMP; RFC 793 TCP; RFC 826 ARP; RFC 2030 Simple Network Time Protocol; IEEE 802.3x Flow Control; DHCP Relay; RFC 2236 IGMP v1/v2/v3; IEEE 802.1D Spanning Tree; IEEE 802.1w Rapid Convergence Spanning Tree; IEEE 802.3ad Link Aggregation Control Protocol; RFC 1492 TACACS+; RFC 2138 RADIUS; RFC 2866 RADIUS accounting; SSHv1/SSHv2 Secure Shell; Secure Sockets Layer (SSL); IEEE 802.1X Network Login; IEEE 802.1Q VLAN tagging; IEEE 802.1Q GVRP; IEEE 802.1p Priority; SNMPv1/v2c/v3; HTML and telnet management; RFC 1493 Bridge MIB; RFC 1213 MIB II; RFC 2096 IP Forwarding Table MIB; RFC 2737 Entity MIB; RFC 2863 Evolution of Interface; RFC 2665 Ethernet MIB; RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm), and 9 (events); RFC 2021 RMON probe configuration (RMON v2); RFC 2668 IEEE 802.3 MAU MIB; RFC 2613 SMON; RFC 2674 IEEE 802.1p and IEEE 802.1Q Bridge MIB; RFC 2618 RADIUS Client MIB; RFC 2620 RADIUS Accounting MIB		

ProCurve Switch gl Modules and RPS



ProCurve Switch gl 20-Port 10/100/1000 Module (J4908A)

Ports

20 auto-sensing 10/100/1000 ports (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-TX; IEEE 802.3ab Type 1000Base-T)
2 open mini-GBIC slots
IEEE Auto-MDIX: yes
Connector: RJ-45
Duplex: half or full

Physical characteristics

Dimensions (D x W x H): 22.78 x 20.32 x 4.45 cm (8.97 x 8.0 x 1.75 in.)
Weight: 0.56 kg (1.25 lb.)

Mini-GBICs supported (ordered separately)

- J4858B ProCurve Gigabit-SX-LC Mini-GBIC
- J4859B ProCurve Gigabit-LX-LC Mini-GBIC
- J4860B ProCurve Gigabit-LH-LC Mini-GBIC
- J8177B ProCurve Gigabit 1000Base-T Mini-GBIC

Other mini-GBICs supported

- J4858A ProCurve Gigabit-SX-LC Mini-GBIC
- J4859A ProCurve Gigabit-LX-LC Mini-GBIC
- J4860A ProCurve Gigabit-LH-LC Mini-GBIC

Cabling

Type:

- 10Base-T: Category 3 (or better), 100 Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3 Type 10Base-T
- 100Base-TX: Category 5 (or better), 100 Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3u 100Base-TX
- 1000Base-T: Category 5 (5E or better recommended), 100 Ω differential 4-pair unshielded twisted pair (UTP) or shielded twisted pair (STP) balanced, complying with IEEE 802.3ab 1000Base-T

Maximum distance: 100 m



ProCurve Switch gl 24-Port 10/100-TX Module (J4862B)

Ports

24 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-TX)
ProCurve Auto-MDIX: yes
Connector: RJ-45
Duplex: half or full

Physical characteristics

Dimensions (D x W x H): 22.78 x 20.32 x 4.45 cm (8.97 x 8.0 x 1.75 in.)
Weight: 0.56 kg (1.24 lb.)

Cabling

Type:

- 10Base-T: Category 3 (or better), 100 Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3 Type 10Base-T
- 100Base-TX: Category 5 (or better), 100 Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3u 100Base-TX

Maximum distance: 100 m



ProCurve Switch gl 6-Port Mini-GBIC Module (J4893A)

Ports

6 open mini-GBIC slots

Physical characteristics

Dimensions (D x W x H): 22.78 x 20.32 x 4.45 cm (8.97 x 8.0 x 1.75 in.)
Weight: 0.43 kg (0.96 lb.)

Mini-GBICs supported (ordered separately)

- J4858B ProCurve Gigabit-SX-LC Mini-GBIC
- J4859B ProCurve Gigabit-LX-LC Mini-GBIC
- J4860B ProCurve Gigabit-LH-LC Mini-GBIC
- J8177B ProCurve Gigabit 1000Base-T Mini-GBIC

Other mini-GBICs supported

- J4858A ProCurve Gigabit-SX-LC Mini-GBIC
- J4859A ProCurve Gigabit-LX-LC Mini-GBIC
- J4860A ProCurve Gigabit-LH-LC Mini-GBIC



ProCurve Switch gl 6-Port 100/1000-T Module (J4863A)

Ports

6 auto-sensing 100/1000 ports (IEEE 802.3u Type 100Base-TX; IEEE 802.3ab Type 1000Base-T)
IEEE Auto-MDIX: yes
Connector: RJ-45
Duplex:

- 100Base-TX: half or full
- 1000Base-T: full

Physical characteristics

Dimensions (D x W x H): 22.78 x 20.32 x 4.45 cm (8.97 x 8.0 x 1.75 in.)
Weight: 0.45 kg (1.0 lb.)

Cabling

Type:

- 100Base-TX: Category 5 (or better), 100 Ω differential unshielded twisted pair (UTP) or shielded twisted pair (STP), complying with IEEE 802.3u 100Base-TX
- 1000Base-T: Category 5 (5E or better recommended), 100 Ω differential 4-pair unshielded twisted pair (UTP) or shielded twisted pair (STP) balanced, complying with IEEE 802.3ab 1000Base-T

Maximum distance: 100 m

Services for accessories are covered under the product in which they are installed.

ProCurve Switch gl Modules and RPS



ProCurve Switch gl Transceiver Module (J4864A)

Ports

3 open transceiver slots

Physical characteristics

Dimensions (D x W x H): 22.78 x 20.32 x 4.45 cm (8.97 x 8.0 x 1.75 in.)
Weight: 0.52 kg (1.16 lb.)

Transceivers supported (ordered separately)

- J4116A ProCurve Switch Gigabit Stacking Kit
- J4131B ProCurve Gigabit SX Transceiver
- J4132A ProCurve Gigabit LX Transceiver
- J4834A ProCurve 100/1000-T Transceiver
- J4853A ProCurve 100-FX SC Transceiver



ProCurve Switch gl 12-Port 100-FX MTRJ Module (J4892A)

Ports

12 100Base-FX ports (IEEE 802.3u Type 100Base-FX)
Connector: MTRJ
Duplex: half or full

Physical characteristics

Dimensions (D x W x H): 22.78 x 20.32 x 4.45 cm (8.97 x 8.0 x 1.75 in.)
Weight: 0.65 kg (1.45 lb.)

Cabling

Type: 62.5/125 µm or 50/125 µm (core/cladding) diameter, graded-index, multimode fiber-optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively
Maximum distance: 2 km (full duplex) or 412 m (half duplex)

ProCurve Switch gl/xl/vl Redundant Power Supply (J4839A), not pictured

Physical characteristics

Dimensions (D x W x H): 20.07 x 16.0 x 12.7 cm (7.9 x 6.3 x 5.0 in.)
Weight: 2.5 kg (5.55 lb.)

Electrical characteristics

Voltage: 100–127 VAC/200–240 VAC
Maximum current: 8.2 A/3.8 A
Frequency: 50/60 Hz

Notes

For additional RPS specification information, see the data sheet for the product in which the RPS is being installed.

Additional accessories

ProCurve Gigabit-SX-LC Mini-GBIC (J4858B)

ProCurve Gigabit-LX-LC Mini-GBIC (J4859B)

ProCurve Gigabit-LH-LC Mini-GBIC (J4860B)

ProCurve Gigabit 1000Base-T Mini-GBIC (J8177B)

ProCurve Switch Gigabit Stacking Kit (J4116A)

ProCurve Gigabit SX Transceiver (J4131B)

ProCurve Gigabit LX Transceiver (J4132A)

ProCurve 100/1000-T Transceiver (J4834A)

ProCurve 100-FX SC Transceiver (J4853A)